

State of Rhode Island and Providence Plantations  
Department of Administration  
Division of Purchases

**RIVIP BIDDER CERTIFICATION COVER FORM**

**SECTION 1 - BIDDER INFORMATION**

*Bidder must be registered as a vendor on the RIVIP system at [www.purchasing.ri.gov](http://www.purchasing.ri.gov) to submit a bid proposal.*

**Solicitation Number:** 7550952  
**Solicitation Title:** HVAC MAINTENANCE AND REPAIR - RI COLLEGE (33 PGS)

**Bid Proposal Submission  
Deadline Date & Time:** 10/11/2016 10:00 AM

**RIVIP Vendor ID #:** 17954  
**Bidder Name:** Sarra Corporation  
**Address:** 1 Harry Street  
Cranston , RI 02907  
USA

**Telephone:** 401-942-1050  
**Fax:** 401-943-5179  
**Contact Name:** Frank A Sarra  
**Contact Title:** President  
**Contact Email:** [frank@sarraengineering.com](mailto:frank@sarraengineering.com)

**SECTION 2 - DISCLOSURES**

**Bidders must respond to every statement. Bid proposals submitted without a complete response may be deemed nonresponsive.**

*Indicate "Y" (Yes) or "N" (No) for Disclosures 1-4, and if "Yes," provide details below*

- N   1. State whether the Bidder, or any officer, director, manager, stockholder, member, partner, or other owner or principal of the Bidder or any parent, subsidiary, or affiliate has been subject to suspension or debarment by any federal, state, or municipal governmental authority, or the subject of criminal prosecution, or convicted of a criminal offense within the previous 5 years. If "Yes," provide details below.
- N   2. State whether the Bidder, or any officer, director, manager, stockholder, member, partner, or other owner or principal of the Bidder or any parent, subsidiary, or affiliate has had any contracts with a federal, state, or municipal governmental authority terminated for any reason within the previous 5 years. If "Yes," provide details below.
- N   3. State whether the Bidder, or any officer, director, manager, stockholder, member, partner, or other owner or principal of the Bidder or any parent, subsidiary, or affiliate has been fined more than \$5000 for violation(s) of any Rhode Island environmental law(s) by the Rhode Island Department of Environmental Management within the previous 5 years. If "Yes," provide details below.
- N   4. State whether any officer, director, manager, stockholder, member, partner, or other owner or principal of the Bidder is serving or has served within the past two calendar years as either an appointed or elected official of any state governmental authority or quasi-public

corporation, including without limitation, any entity created as a legislative body or public or state agency by the general assembly or constitution of this state.

Disclosure details (continue on additional sheet if necessary):

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### SECTION 3 - OWNERSHIP DISCLOSURE

**Bidders must provide all relevant information. Bid proposals submitted without a complete response may be deemed nonresponsive.**

If the Bidder is publicly held, the Bidder may provide owner information about only those stockholders, members, partners, or other owners that hold at least 10% of the record or beneficial equity interests of the Bidder; otherwise, complete ownership disclosure is required.

List each officer, director, manager, stockholder, member, partner, or other owner or principle of the Bidder, and each intermediate parent company and the ultimate parent company of the Bidder. For each individual, provide his or her name, business address, principal occupation, position with the Bidder, and the percentage of ownership, if any, he or she holds in the Bidder, and each intermediate parent company and the ultimate parent company of the bidder.

Sarra Corporation	
1 Harry Street	
Cranston, RI 02907	
Frank Sarra - President	
% of Ownership = 100%	

### SECTION 4 - CERTIFICATIONS

**Bidders must respond to every statement. Bid proposals submitted without a complete response may be deemed nonresponsive.**

Indicate "Y" (Yes) or "N" (No), and if "No," provide details below.

#### THE BIDDER CERTIFIES THAT:

- Y 1. The Bidder will immediately disclose, in writing, to the State Purchasing Agent any potential conflict of interest which may occur during the term of any contract awarded pursuant to this solicitation.
- Y 2. The Bidder possesses all licenses and anyone who will perform any work will possess all licenses required by applicable federal, state, and local law necessary to perform the requirements of any contract awarded pursuant to this solicitation and will maintain all required licenses during the term of any contract awarded pursuant to this solicitation. In the event that any required license shall lapse or be restricted or suspended, the Bidder shall immediately notify the State Purchasing Agent in writing.
- Y 3. The Bidder will maintain all required insurance during the term of any contract pursuant to this solicitation. In the event that any required insurance shall lapse or be canceled, the Bidder will immediately notify the State Purchasing Agent in writing.
- Y 4. The Bidder understands that falsification of any information in this bid proposal or failure to notify the State Purchasing Agent of any changes in any disclosures or certifications in this Bidder Certification may be grounds for suspension, debarment, and/or prosecution for fraud.
- Y 5. The Bidder has not paid and will not pay any bonus, commission, fee, gratuity, or other remuneration to any employee or official of the State of Rhode Island or any subdivision of the State of Rhode Island or other governmental authority for the purpose of obtaining an award of a contract pursuant to this solicitation. The Bidder further certifies that no bonus, commission, fee, gratuity, or other

Y 6. This bid proposal is not a collusive bid proposal. Neither the Bidder, nor any of its owners, stockholders, members, partners, principals, directors, managers, officers, employees, or agents has in any way colluded, conspired, or agreed, directly or indirectly, with any other bidder or person to submit a collusive bid proposal in response to the solicitation or to refrain from submitting a bid proposal in response to the solicitation, or has in any manner, directly or indirectly, sought by agreement or collusion or other communication with any other bidder or person to fix the price or prices in the bid proposal or the bid proposal of any other bidder, or to fix any overhead, profit, or cost component of the bid price in the bid proposal or the bid proposal of any other bidder, or to secure through any collusion, conspiracy, or unlawful agreement any advantage against the State of Rhode Island or any person with an interest in the contract awarded pursuant to this solicitation. The bid price in the bid proposal is fair and proper and is not tainted by any collusion, conspiracy, or unlawful agreement on the part of the Bidder, its owners, stockholders, members, partners, principals, directors, managers, officers, employees, or agents.

Y 7. The Bidder: (i) is not identified on the General Treasurer's list created pursuant to R.I. Gen. Laws § 37-2.5-3 as a person or entity engaging in investment activities in Iran described in § 37-2.5-2(b); and (ii) is not engaging in any such investment activities in Iran.

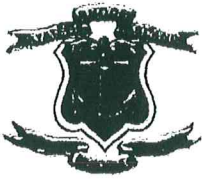
Y 8. The Bidder will comply with all of the laws that are incorporated into and/or applicable to any contract with the State of Rhode Island.

[illegible]

## BIDDER

Sarra Corporation  
Name of Bidder  
  
Signature in ink  
Justin Forte, Project Estimator  
Printed name and title of person signing on behalf of Bidder





# Request for Quote

Page 1 of 2

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
ONE CAPITOL HILL  
PROVIDENCE RI 02908

CREATION DATE : 15-SEP-16  
BID NUMBER: 7550952  
TITLE: HVAC MAINTENANCE AND REPAIR - RHODE ISLAND COLLEGE

BLANKET START : 01-NOV-16  
BLANKET END : 31-OCT-19  
BID CLOSING DATE AND TIME: 11-OCT-2016 10:00:00

BUYER: Mosca, Gary  
PHONE #: 401-574-8124

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RIC-PURCHASING  
600 MOUNT PLEASANT AVENUE  
PROVIDENCE, RI 02908  
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RIC SPECIAL INSTRUCTIONS  
SEE BELOW  
SEE BELOW, RI N/A  
US

Requisition Number: 1479658

Line	Description	Quantity	Unit	Unit Price	Total
1	MAINTENANCE SERVICES - RATE PER HOUR ON SITE - TIER 1 - 11/1/16 - 6/30/17	1,000.00	Hour	\$94.00	\$94,000.00
2	MAINTENANCE SERVICES - RATE PER HOUR ON SITE - TIER 1 - 7/1/17 - 6/30/18	1,000.00	Hour	\$95.00	\$95,000.00
3	MAINTENANCE SERVICES - RATE PER HOUR ON SITE - TIER 1 - 7/1/18 - 10/31/19	1,200.00	Hour	\$96.00	\$115,200.00
4	MAINTENANCE SERVICES - RATE PER HOUR ON SITE - TIER 2 - 11/1/16 - 6/30/17	500.00	Hour	\$111.00	\$55,500.00
5	MAINTENANCE SERVICES - RATE PER HOUR ON SITE - TIER 2 - 11/1/17 - 6/30/18	500.00	Hour	\$112.00	\$56,000.00
6	MAINTENANCE SERVICES - RATE PER HOUR ON SITE - TIER 2 - 7/1/18 - 10/31/19	500.00	Hour	\$113.00	\$56,500.00
7	MAINTENANCE SERVICES - RATE PER HOUR ON SITE - TIER 3 - 11/1/16 - 6/30/17 NOTE: CORRECTION TO "UNIT OF MEASURE". UNIT OF MEASURE SHOULD BE "HOUR", NOT "EACH".	300.00	Each	\$159.00	\$47,700.00
8	MAINTENANCE SERVICES - RATE PER HOUR ON SITE - TIER 3 - 7/1/17 - 6/30/18	300.00	Hour	\$160.00	\$48,000.00
9	MAINTENANCE SERVICES - RATE PER HOUR ON SITE - TIER 3 - 7/1/18 - 10/31/19	400.00	Hour	\$161.00	\$64,400.00
10	MAINTENANCE SERVICES - OVERTIME RATE PER HOUR ON SITE - TIER 1 - 11/1/16 - 6/30/17	100.00	Hour	\$120.00	\$12,000.00
11	MAINTENANCE SERVICES - OVERTIME RATE PER HOUR ON SITE - TIER 1 - 7/1/17 - 6/30/18	100.00	Hour	\$121.00	\$12,100.00
12	MAINTENANCE SERVICES - OVERTIME RATE PER HOUR ON SITE - TIER 1 - 7/1/18 - 10/31/19	100.00	Hour	\$122.00	\$12,200.00
13	MAINTENANCE SERVICES - OVERTIME RATE PER	100.00	Hour		

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer



# Request for Quote

Page 2 of 2

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
ONE CAPITOL HILL  
PROVIDENCE RI 02908

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PHONE #: 401-574-8124

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RIC-PURCHASING  
600 MOUNT PLEASANT AVENUE  
PROVIDENCE, RI 02908  
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RIC SPECIAL INSTRUCTIONS  
SEE BELOW  
SEE BELOW, RI N/A  
US

Requisition Number: 1479658

Line	Description	Quantity	Unit	Unit Price	Total
	HOURLY ON SITE - TIER 2 - 11/1/16 - 6/30/17			\$140.00	\$14,000.00
14	MAINTENANCE SERVICES - OVERTIME RATE PER HOUR ON SITE - TIER 2 - 11/1/17 - 6/30/18	100.00	Hour	\$141.00	\$14,100.00
15	MAINTENANCE SERVICES - OVERTIME RATE PER HOUR ON SITE - TIER 2 - 7/1/18 - 10/31/19	100.00	Hour	\$142.00	\$14,200.00
16	MAINTENANCE SERVICES - OVERTIME RATE PER HOUR ON SITE - TIER 3 - 11/1/16 - 6/30/17 NOTE: CORRECTION TO "UNIT OF MEASURE". UNIT OF MEASURE SHOULD BE "HOUR", NOT "EACH".	100.00	Each	\$196.00	\$19,600.00
17	MAINTENANCE SERVICES - OVERTIME RATE PER HOUR ON SITE - TIER 3 - 7/1/17 - 6/30/18	100.00	Hour	\$197.00	\$19,700.00
18	MAINTENANCE SERVICES - OVERTIME RATE PER HOUR ON SITE - TIER 3 - 7/1/18 - 10/31/19 PROVIDE PERCENTAGE DISCOUNT OFF MANUFACTURER'S LIST PRICE FOR PARTS & MATERIALS <u>10</u> %	100.00	Hour	\$198.00	\$19,800.00

Delivery: \_\_\_\_\_

Terms of Payment: \_\_\_\_\_

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer



Lincoln D. Chafee  
Governor  
Charles J. Fogarty  
Director

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
Department of Labor and Training  
Center General Complex  
1511 Pontiac Avenue  
Cranston, RI 02920-4407

TTY: Via RI Relay 711

**STATE CONTRACT ADDENDUM**  
**RHODE ISLAND DEPARTMENT OF LABOR AND TRAINING**  
**PREVAILING WAGE REQUIREMENTS**  
**(37-13-1 ET SEQ.)**

The prevailing wage requirements are generally set forth in RIGL 37-13-1 et seq. These requirements refer to the prevailing rate of pay for regular, holiday, and overtime wages to be paid to each craftsmen, mechanic, teamster, laborer, or other type of worker performing work on public works projects when state or municipal funds exceed one thousand dollars (\$1,000).

All Prevailing Wage Contractors and Subcontractors are required to:

1. Submit to the Awarding Authority a list of the contractor's subcontractors for any part or all of the prevailing wage work in accordance with RIGL § 37-13-4;
2. Pay all prevailing wage employees at least once per week and in accordance with RIGL §37-13-7 (see Appendix B attached);
3. Post the prevailing wage rate scale and the Department of Labor and Training's prevailing wage poster in a prominent and easily accessible place on the work site in accordance with RIGL §37-13-11; posters may be downloaded at [www.dlt.ri.gov/pw/Posters.htm](http://www.dlt.ri.gov/pw/Posters.htm) or obtained from the Department of Labor and Training, Center General Complex, 1511 Pontiac Avenue, Cranston, Rhode Island;
4. Access the Department of Labor and Training website, at [www.dlt.ri.gov](http://www.dlt.ri.gov) on or before July 1st of each year, until such time as the contract is completed, to ascertain the current prevailing wage rates and the amount of payment or contributions for each covered prevailing wage employee and make any necessary adjustments to the covered employee's prevailing wage rates effective July 1st of each year in compliance with RIGL §37-13-8;
5. Attach a copy of this CONTRACT ADDENDUM and its attachments as a binding obligation to any and all contracts between the contractor and any

*An Equal Opportunity Employer/Program./Auxiliary aids and services are available upon request to individuals with disabilities.*

TTY via RI Relay 711





Lincoln D. Chafee  
Governor  
Charles J. Fogarty  
Director

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Labor and Training

Center General Complex  
1511 Pontiac Avenue  
Cranston, RI 02920-4407

Telephone; (401) 462-8000  
TTY; Via RI Relay 711

subcontractors and their assignees for prevailing wage work performed pursuant to this contract;

6. Provide for the payment of overtime for prevailing wage employees who work in excess of eight (8) hours in any one day or forty (40) hours in any one week as provided by RIGL §37-13-10;
7. Maintain accurate prevailing wage employee payroll records on a Rhode Island Certified Weekly Payroll form available for download at [www.dlt.ri.gov/pw.forms/htm](http://www.dlt.ri.gov/pw.forms/htm), as required by RIGL §37-13-13, and make those records available to the Department of Labor and Training upon request;
8. Furnish the fully executed RI Certified Weekly Payroll Form to the awarding authority on a monthly basis for all work completed in the preceding month.
9. For general or primary contracts one million dollars (\$1,000,000) or more, shall maintain on the work site a fully executed RI Certified Prevailing Wage Daily Log listing the contractor's employees employed each day on the public works site; the RI Certified Prevailing Wage Daily Log shall be available for inspection on the public works site at all times; this rule shall not apply to road, highway, or bridge public works projects. Where applicable, furnish both the Rhode Island Certified Prevailing Wage Daily Log together with the Rhode Island Weekly Certified Payroll to the awarding authority.
10. Assure that all covered prevailing wage employees on construction projects with a total project cost of one hundred thousand dollars (\$100,000) or more has a OSHA ten (10) hour construction safety certification in compliance with RIGL § 37-23-1;
11. Employ apprentices for the performance of the awarded contract when the contract is valued at one million dollars (\$1,000,000) or more, and comply with the apprentice to journey person ratio for each trade approved by the apprenticeship council of the Department of Labor and Training in compliance with RIGL §37-13-3.1;
12. Assure that all prevailing wage employees who perform work which requires a Rhode Island trade license possess the appropriate Rhode Island trade license in compliance with Rhode Island law; and

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TTY via Rf Relay 711



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Labor and Training

Center General Complex

1511 Pontiac Avenue

Cranston, RI 02920-4407

Telephone: (401) 462-8000

TTY: Via RI Relay 711

Lincoln D. Chafee  
Governor

Charles J. Fogarty  
Director

13. Comply with all applicable provisions of RIGL §37-13-1, et. seq;

Any questions or concerns regarding this CONTRACT ADDENDUM should be addressed to the contractor or subcontractor's attorney. Additional Prevailing Wage information may be obtained from the Department of Labor and Training at [www.dlt.ri.gov/pw](http://www.dlt.ri.gov/pw).

**CERTIFICATION**

I hereby certify that I have reviewed this CONTRACT ADDENDUM and understand my obligations as stated above.

By: \_\_\_\_\_

Title: Project Manager

Subscribed and sworn before me this 11 day of October, 2016

Tamara C. Calcutt

Notary Public 52941

My commission expires: 2/14/2020

*An Equal Opportunity Employer/Program, /Auxiliary aids and services are available upon request to individuals with disabilities.*

TTY via RI Relay 711





# STATE OF RHODE ISLAND

CONTRACTORS' REGISTRATION  
AND LICENSING BOARD

REGISTRATION NO.

EXP. DATE

REGISTRANT'S NAME

SARRA CORPORATION

9596

11/1/17

AUTHORIZED REPRESENTATIVE

FRANK A SARRA

DRIVER'S LICENSE #

RI 7716551

EXECUTIVE DIRECTOR

*Greg H. Malin*

State of Rhode Island and Providence Plantations  
Rhode Island Department of Labor and Training

MASTER MECHAN CONTRC 00000078



SARRA ENGINEERING CO INC

FRANK A SARRA

1 HARRY STREET

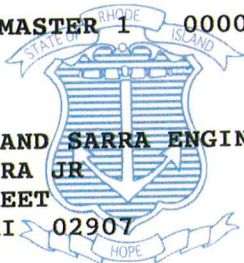
CRANSTON RI 02907

JOHN SHAW  
Administrator

11/30/2017  
Expiration Date

State of Rhode Island and Providence Plantations  
Rhode Island Department of Labor and Training

PIPEFITTER/MASTER 1 00006256



SARRA CORP AND SARRA ENGIN

FRANK A SARRA JR

1 HARRY STREET

CRANSTON RI 02907

JOHN SHAW  
Administrator

10/31/2017  
Expiration Date

STATE OF RHODE ISLAND  
FORM W-9 PAYER'S REQUEST FOR TAXPAYER  
IDENTIFICATION NUMBER AND CERTIFICATION



THE IRS REQUIRES THAT YOU FURNISH YOUR TAXPAYER IDENTIFICATION NUMBER TO US. FAILURE TO PROVIDE THIS INFORMATION CAN RESULT IN A \$50 PENALTY BY THE IRS. IF YOU ARE AN INDIVIDUAL, PLEASE PROVIDE US WITH YOUR SOCIAL SECURITY NUMBER (SSN) IN THE SPACE INDICATED BELOW. IF YOU ARE A COMPANY OR A CORPORATION, PLEASE PROVIDE US WITH YOUR EMPLOYER IDENTIFICATION NUMBER (EIN) WHERE INDICATED.

**Taxpayer Identification Number (T.I.N.)**

Enter your taxpayer identification number in the appropriate box. For most individuals, this is your social security number.

**Social Security No. (SSN)**

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**Employer ID No. (EIN)**

05	0440549
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**NAME** Sarra Corporation

**ADDRESS** 1 Harry Street

**CITY, STATE AND ZIP CODE** Cranston, RI 02907

**PAYMENT REMITTANCE ADDRESS, IF DIFFERENT FROM THE ADDRESS ABOVE**

**ADDRESS**

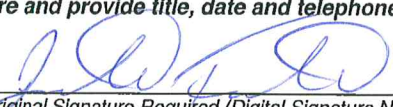
**CITY, STATE AND ZIP CODE**

**CERTIFICATION:** Under penalties of perjury, I certify that:

- (1) The number shown on this form is my correct Taxpayer Identification Number (or I am waiting for a number to be issued to me), and
- (2) I am not subject to backup withholding because either: (A) I am exempt from backup withholding, or (B) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (C) the IRS has notified me that I am no longer subject to backup withholding.
- (3) I am a U.S. citizen or other U.S. person (as defined by the IRS).

**Certification Instructions** -- You must cross out item (2) above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item (2) does not apply.

**Please sign here and provide title, date and telephone number:**

**SIGNATURE**  **TITLE** Office Manager **DATE** 10/11/2016 **TEL NO** (401) 942-1050  
*Original Signature Required (Digital Signature Not Acceptable)*

**BUSINESS DESIGNATION:**

**Please Check One:** Individual ☐ Corporation ☒ Trust/Estate ☐ Government/Nonprofit Corporation ☐  
Partnership ☐ Medical Services Corporation ☐ Legal Services Corporation ☐  
LLC Tax Classification: Single Member (Individual) ☐ Partnership ☐ Corporation ☐

**TIPS:**

**NAME:** Be sure to enter your full and correct legal name as shown on your income tax return for the SSN or EIN provided.

**ADDRESS, CITY, STATE AND ZIP CODE:** If you operate a business at more than one location, adhere to the following:

- 1) Same EIN with more than one location -- attach a list of location addresses with remittance address for each location and indicate to which location the year-end tax information return should be mailed.
- 2) Different EIN for each different location -- submit a completed W-9 form for each EIN and location. (One year-end tax information return will be reported for each EIN and remittance address.)

**Mail Completed Form To:**  
Supplier Coordinator  
Purchasing Department  
One Capitol Hill, 2nd Floor  
Providence RI 02908

**Or Email To:** [doa.pursuppliercoordinator@purchasing.ri.gov](mailto:doa.pursuppliercoordinator@purchasing.ri.gov)

**For State Use Only:**

IRS \_\_\_\_\_ RI SOS \_\_\_\_\_ FED \_\_\_\_\_ Other \_\_\_\_\_

RI Supplier # \_\_\_\_\_ Approved \_\_\_\_\_

Date Entered \_\_\_\_\_ Entered By \_\_\_\_\_

# **Sarra Engineering MPA - HVAC for** **Rhode Island College** **Bid Proposal**

**RI Solicitation#: 7550952**

## **Proposal Submit To:**

The State of Rhode Island Department of Administration  
Division of Purchases, 2<sup>nd</sup> Floor  
One Capitol Hill  
Providence, RI 02908-5855

Sarra Engineering  
1 Harry Street  
Cranston, RI 02907  
TEL: (401) 942-1050  
FAX: (401) 943-5179  
[www.SarraEngineering.com](http://www.SarraEngineering.com)  
RIVIP Vendor ID#: 17954



## Table of Contents

1.0: Executive Summary .....	2
2.0: Sarra Engineering's Project Team .....	3
3.0: Project Team Resumes.....	4
4.0: Project References .....	11
5.0: Company Profile .....	19
6.0: Emergency Contact Protocol .....	20
7.0: Safety .....	21
8.0: Equipment and Capabilities .....	21
9.0: Current Clients – Facilities PM Work .....	22

## 1.0: Executive Summary

Sarra Engineering is a small business contractor who is dedicated to its work and the outcome of the client. Our work includes small repair jobs to multi-million dollar building renovations and new construction. Our employees are some of the most respected and reputable people in the industry and range in a variety of skills. Self-performing work that Sarra Engineering handles includes the following:

- Piping to Include Carbon Steel Welded
- Certified X-Ray Welding
- All Carbon Steel Process, PVC, Copper Piping
- HVAC Rigging
- HVAC Demolition
- Structural Steel Fabrication for HVAC Equipment
- Minor Concrete and Masonry
- Crane Rigging for HVAC Equipment and Supports
  - 115 Ton Capabilities
  - 260' Reach
- Heavy Trucking and Hauling for all Equipment

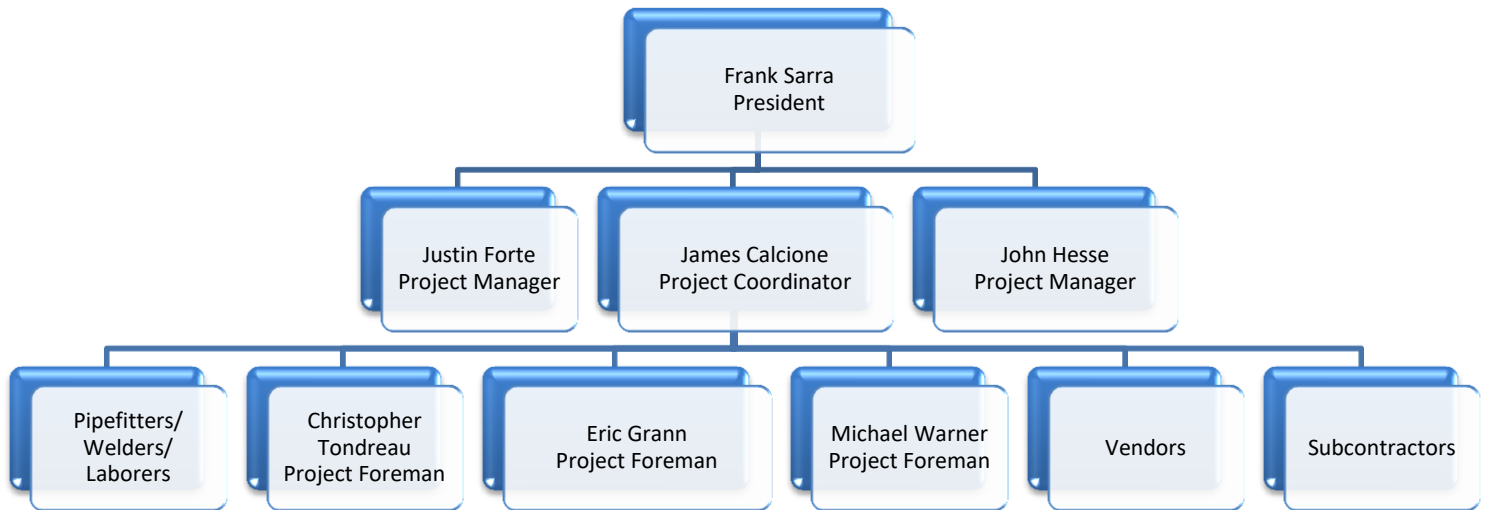
Amongst these items, we also are a general HVAC contractor which has several sub-contractors and their work includes the following:

- Insulation
- Temperature Controls
- Air and Water Testing and Balancing
- Ductwork

Our company organization includes several project managers which handle a variety of projects ranging in all sizes. Each project managers works directly with three to four project foreman who are full-time staff. In addition to our full-time staff made up of managers and foreman, we are a union company which allows us to hire as many men as are needed to complete the work in a timely fashion. We hire out of Local 51, "Plumbers & Pipefitters", which includes a range of specialties from refrigerant technicians, to plumbers, welders, and pipefitters.

Some of our main clients that we deal with on a day-to-day basis are Brown University, Bryant University, Rhode Island School of Design, Broadrock Renewables Energy, The Diocese of Providence, and FM Global. We have performed major projects and small service work for each client throughout the years. Through each client, we build a relationship of trust knowing that if something goes wrong, we will always respond and we stand by our own work and will honor all warranty commitments.

## 2.0: Sarra Engineering's Project Team





### 3.0: Project Team Resumes

**Frank A. Sarra**  
1 Harry Street  
Cranston, RI 02907  
(401) 942-1050  
Frank@SarraEngineering.com

---

**Title:** President/Owner

**Responsibilities:** Owner of Sarra Engineering

- Senior Estimator
- Accounts Payable/Receivable
- Senior Project Manager
- Crane Operator

**Background:**

**Education**

- Roger Williams University - MB

**Trade Affiliations**

- RI Pipefitter Apprentice – 4 Years
  - Local #51
- RI Master Mechanical Pipefitter
  - Local #51
  - Pipefitter License #6256
- Massachusetts Pipefitter License
  - Pipefitter License #019351
- Crane Operator
  - Local #57: Operating Engineers
  - RI State License - Hydraulic Crane Operator/Construction Forklift

**General Contractor**

- License #9596

**Company Experience:**

**Pipefitter - 10 Years**

- Local #51

**Crane Operator – 18 Years**

- Local #57

**Owner of Sarra Engineering – 24 Years**

- HVAC Renovations
- Process Piping
- Industrial Piping
- Institutional HVAC (Also to Include Power Plants, High Temperature Hot Water Distribution, and Steam)
- Renewable Energy Power-Plant Facility (CoGen)
- Semi-Conductor Facility Work
- Rigging of Equipment and Structural Steel (115 Ton Crane)
- Select Demolition
- Select Trucking and Hauling of Equipment and Materials
- Hospitals
- Clean Rooms
- Design/Build
  - Industrial/Institutional HVAC
  - Select Structural
  - Residential

**James C. Calcione**  
1 Harry Street  
Cranston, RI 02907  
Office: (401) 942-1050  
Cell: (401) 477-9357  
[James@SarraEngineering.com](mailto:James@SarraEngineering.com)

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**Title:** Office Manager/Project Coordinator

**Responsibilities:**

**Office Manager**

- Main Office Secretarial Duties

**Project Coordinator**

- Project Scheduling
- Project Organization
- Labor Force Organization

**Background:**

**Education**

- University of Rhode Island – BA

**Golf Professional – 13 Years**

- Professional Golf Association Class A2 Member
  - Past Employment
    - Alpine Country Club
    - Foxwoods Casino

**Sales – 6 Years**

- National Sales Manager for Tourist Division
  - Past Employment
    - Fort U.S.A.
- Company Specialized in Pewter Manufacturing

**Company Experience:**

**Office Manager - 10 Years**

- Phone Operator
- Typist
- Material/Equipment Deliveries

**Project Coordinator – 13 Years**

- Project Organization
  - Organization between Project Managers, Engineers, and Project Foreman
- Project Scheduling
  - Coordination with Sub-Contractors, General Contractors, Manufacturing Representatives, and Project Owners

**Company Sales Representative - 13 Years**

- Duties Include Promoting the Company Name and Meeting with Potential Clients/Owners Interested in Construction Renovation/New Work

**John Hesse**  
1 Harry Street  
Cranston, RI 02907  
Office: (401) 942-1050  
Cell: (401) 649-0115  
*John@SarraEngineering.com*

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**Title:**

Project Manager/BIM Coordinator

**Responsibilities:**

**BIM Coordinator**

- MEP Coordination Amongst Other Trades Using 3D Modeling
- 3D MEP Drafter

**Project Manager**

- Project Scheduling
- Project Organization

**Background:**

**Education**

- Thames Valley State Technical College – ASME
- University of Rhode Island - BSME

**CAD Designer/Management – 27 Years**

- Past Employment
  - Corporate Scenographics, LLC
  - Toyenco, Inc.
  - CVS – Facilities Design
  - Brooks – Facilities Design
  - Richard Sharpe Associates, Architects
- Job Duties
  - Vendor Coordination
  - CAD Design/Management
  - Project Management
  - Plans and Specifications Reviewer

**Company Experience:**

**BIM Coordinator – 5 Year**

- MEP Coordination
  - Using 3D CAD Modeling, Coordinate the System Layouts Amongst Other Trades
  - Procure 100% Construction Documents based on Preliminary Design
  - Prepare Final As-Built 3D Documents based on Field “Red-Line” Drawings and Design Concepts

**Project Manager – 5 Year**

- Project Organization
  - Organization between Project Managers, Engineers, and Project Foreman
- Project Scheduling
  - Coordination with Sub-Contractors, General Contractors, Vendors, and Project Owners



**Justin Forte**  
1 Harry Street  
Cranston, RI 02907  
Office: (401) 942-1050  
Cell: (401) 323-6244  
Justin@SarraEngineering.com

**Title:** Assistant Project Estimator/Project Manager

**Responsibilities:** Assistant Project Estimator

**Project Manager**

- Project Scheduling
- Project Organization

**Background:**

**Education**

- University of New Hampshire – BSCE
- Engineer in Training Certified – May 2011

**Office Manager/Intern – Summer Months from 2008-2010**

- Past Employment
  - Sarra Engineering
- Job Duties
  - Secretarial Duties
  - Assistance in Pipe-Fitting and Rigging
  - Material Deliveries to Jobsites

**Company Experience:**

**MEP Drafter – 1 Year**

- MEP Drafter
  - Prepare Final As-Built 3D and/or 2D Documents based on Field “Red-Line” Drawings and Design Concepts
  - Prepare Proposed MEP Layouts for Approval

**Project Manager – 5 Years**

- Project Organization
  - Organization between Project Managers, Engineers, and Project Foreman
- Project Scheduling
  - Coordination with Sub-Contractors, General Contractors, Vendors, and Project Owners
- Minor Design Work
  - Structural Design to Support HVAC Equipment

**Assistant Project Estimator – 3 Years**

- Assistant Estimator for both Structural Steel and HVAC
  - Review bid documents and job-site conditions and communicate to lead estimator for review.
  - Gather vendor/subcontractor pricing
  - Material take-offs from bid documents

**Eric Grann**  
1 Harry Street  
Cranston, RI 02907  
Office: (401) 942-1050  
Cell: (401) 255-6598

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**Title:** Project Foreman/ Superintendent

**Responsibilities:** **Foreman**

- Organize and Direct Labor Force to Complete Project Tasks and Maintain Project Schedule

**Background:** **Navy – 6 Years**

- Fireman

**Pipefitter**

- Local #51 Union Pipefitter for Various Companies

**Company Experience:**

**Pipefitter – 10 Years**

- Local #51 Union Pipefitter
- Carbon steel X-Ray welding
- Rigging
- Piping
  - Industrial
  - Process
  - Commercial

**Project Foreman - 15 Years**

- Keep Track of Labor Hours Used on Each Individual Job
- Keep Records of Any Changes or Deviations from Original Construction Documents Due to Unforeseen Circumstances
- Organize and Direct Pipefitters, Welders, and Laborers in Order to Maintain both Tasks and Completion Dates
- Coordinate with Office Personnel and Project Managers

**Superintendent – 8 Years**

- Coordinate all field work with office personnel and other trades on-site
- Direct project foreman how to proceed with various tasks and make sure the schedule is met
- Help design/build on job-site using existing conditions

**Christopher Tondreau**

*1 Harry Street*

*Cranston, RI 02907*

*Office: (401) 942-1050*

*Cell: (401) 302-4224*

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**Title:**

Project Foreman/ Superintendent

**Responsibilities:**

**Foreman**

- Organize and Direct Labor Force to Complete Project Tasks and Maintain Project Schedule

**Background:**

**Pipefitter**

- Local #51 Union Pipefitter for Various Companies

**Company Experience:**

**Pipefitter – 10 Years**

- Local #51 Union Pipefitter
- Carbon steel X-Ray welding
- Rigging
- OSHA 10 Certified
- Piping
  - Industrial
  - Process
  - Commercial

**Project Foreman - 5 Years**

- Keep Track of Labor Hours Used on Each Individual Job
- Keep Records of Any Changes or Deviations from Original Construction Documents Due to Unforeseen Circumstances
- Organize and Direct Pipefitters, Welders, and Laborers in Order to Maintain both Tasks and Completion Dates
- Coordinate with Office Personnel and Project Managers

**Superintendent – 5 Years**

- Coordinate all field work with office personnel and other trades on-site
- Direct project foreman how to proceed with various tasks and make sure the schedule is met
- Help design/build on job-site using existing conditions

**Michael Warner**  
1 Harry Street  
Cranston, RI 02907  
Office: (401) 942-1050  
Cell: (401) 641-3365

---

**Title:** Project Safety Supervisor/Project Foreman

**Responsibilities:**

**Safety**

- Maintain Jobsite Safety
- Update Equipment Inspections
- Coordinate Safety Inspections and Keep Detailed Reports
- Coordinate “Toolbox Talks” and Any Updated Training

**Foreman**

- Organize and Direct Labor Force to Complete Project Tasks and Maintain Project Schedule

**Background:**

**Safety Credentials**

- AED CPR Certified
- 1<sup>st</sup> Responder
- Incident Safety Officer
- Instant Command Certified
- Confined Space Certified

**Pipefitter – 10 Years**

- Master 1 Mechanical Pipefitter
- Sprinkler Fitter

**Company Experience:**

**Safety Supervisor – 18 Years**

- Responsible for Jobsite Safety
  - Conduct Field Inspections
  - Keep Up-to-Date OSHA Records
  - Enforce “Sarra Engineering Safety Manual” Policies
  - Ensure That All Equipment/Tools are Inspected and Up-to-Date by OSHA Regulations

**Project Foreman – 23 Years**

- Keep Track of Labor Hours Used on Each Individual Job
- Keep Records of Any Changes or Deviations from Original Construction Documents Due to Unforeseen Circumstances
- Organize and Direct Pipefitters, Welders, and Laborers in Order to Maintain both Tasks and Completion Dates
- Coordinate with Office Personnel and Project Managers
- Master 1 Pipefitter



## 4.0: Project References

### Project:

#### Bryant University – Academic Innovation Center & Gym Expansion Projects

*Contract Amount:* \$3,500,000.00 (Unbonded)

*Owner Representative:* John Metcalf, (401-232-6185)

*Project Manager:* Daniel Ramos, (617 – 387 – 3400)

*General Contractor:* Bond Brothers, Inc.

145 Spring Street

Everett, MA 02149

*HVAC Contractor:* Sarra Engineering

*Project Duration:* 10 months

#### *Description:*

- The Gym Expansion Project and Academic Innovation Center Projects were considered two different projects. However, each project occurred at the same time as the other and were in adjacent buildings. Sufficient man-power and staff had to be provided in order to accommodate each project scope/schedule.
- Gym Expansion Project
  - Renovate the existing HVAC system in an occupied athletic facility on Bryant University's campus.
  - The project involved major coordination between the university and the construction team to work around occupied facilities and sporting events.
  - Project was phased in a manner to move occupants into certain segments as they became complete.
  - A new addition to the existing building was also constructed and was fully coordinated through the use of BIM modeling which included offices and a new hydrotherapy workout area.
  - The installation included all piping, insulation, and testing and balancing for the following equipment:
    - (10) – Rooftop and Indoor Air Handling Units ranging from 2,000CFM to 18,000CFM
    - (1) – Pool Dehumidification Unit
    - (2) – Ductless Split Units
- Academic Innovation Center
  - Construction of a new academic center
  - Constructed as a LEED Project
  - Project was coordinated fully through the use of BIM Modeling
  - The installation included all piping, insulation, controls, and testing and balancing for the following equipment:
    - (1) Rooftop Air Handling Unit – 45,000CFM along with built-in Service

Corridor for Piping and Pumps to be Installed

- (1) Air-Cooled Chiller
- (8) Pumps
- (2) Condensing Boilers
- (87) VAV Terminal Boxes
- Finntube Radiant Heating (some of which had to be curved to accommodate architectural features)
- RGDs (both linear and curved)
- (3) Ductless Split Units

Project:

2008 / 2009 - Brown University Bio-Medical Building Air handling Unit

Upgrade

*Contract Amount:* \$4,600,000 (Un-Bonded)

*Project Manager:* Stephen Phillips, (401) 863-7850

*General Contractor:* Sarra Engineering

*Project Duration:* 27 months

*Description:*

- Remove and install (8) new 30,000CFM air handling units while the building is occupied for classes and research year round.
- Building was extremely sensitive and could not be interrupted at any time due to high level research projects and classes
- Entire project took place without any HVAC interruption of service for more than 6 hours at any one time.
- Critical animal care research labs could not deviate in temperature more than 3 degrees without animals being affected negatively, sometimes causing death.
- The air handling units are the heart of this building with operating rooms for students to operate under line conditions.
- Work consisted of installing 30' x 10' x 7' tall units in sections through rigging access locations created by Sarra Engineering no larger than 6' wide x 7' tall.
- A temporary air handler was installed and re-ducted to take the place of each unit while each air handler was being replaced to ensure proper temperature, humidification, and airflow met FDA testing requirements for research
- The project also included (in addition to the air handlers) all ducting, insulation, controls, testing and balancing for the following:
  - Clean Steam Generator
  - Steam piping
  - Chilled water piping
  - (1) New 450 ton chiller that had to be rigged into position in pieces

Project:

2005/2007 - Brown University Rockefeller Library Central Chiller Plant & Air Handling Unit Replacement

*Contract Amount:* \$4,125,000 (Un-Bonded)

*Project Manager:* Jeffery Parker, (401) 863-7850

*General Contractor:* Sarra Engineering

*Project Duration:* 2 Years

*Description:*

- Phase I: Install a 1500 ton chiller plant for the central campus under a 250,000 sq. ft. library while it stayed open year round.
  - The installation included the following:
    - (2) chillers
    - (14) pumps
    - (4) cooling towers
- Phase II: Demolition and replacement of (20) air handling units while keeping the HVAC in running condition for the entire project.
  - Each unit was removed from under the building and at the penthouse
  - Temporary units were installed while removing old units.
- This project in its' entirety was very sensitive because this building is the main library for the whole campus and is served year round

Project:

2015 – Toray Plastics, A-5 Upgrades

*Contract Amount:* \$550,000.00 (Un-bonded)

*Project Manager:* Robert Fitzpatrick, (781) 573-1700

*General Contractor:* EMCOR Services Northeast, Inc.

80 Hawes Way  
Stoughton, MA 02072

*HVAC Contractor:* Sarra Engineering

*Project Duration:* 6 months

*Description:*

- Upgrade the existing mechanical system to be able to support additional factory processes.
- Project included shut-down and tie-in work to existing systems without interrupting factory production.
- Self-performing work included structural steel, concrete, and rigging in addition to piping.
- The installation included all piping, process piping, and insulation for the following equipment:
  - (2) Centrifugal Chillers
  - (2) Cooling Towers
  - (10) Pumps (ranging from 10 Horsepower to 100 Horsepower)
  - (2) Plate/Frame Heat Exchangers

Project:

2010 – Brown University Warren Alpert Medical Center

*Contract Amount:* \$6,500,000 (Bonded)  
*Project Manager:* Stephen Phillips, (401) 863-7850  
*General Contractor:* Suffolk Construction Company  
*HVAC Contractor:* Sarra Engineering  
*Project Duration:* 1 Year

*Description:*

- Design/Build of a former jewelry factory that was re-built into a brand new medical facility.
- Project was designed and coordinated with the use of BIM Modeling.
- The installation consisted of all associated piping, ducting, insulation, controls, testing, and balancing of the following equipment:
  - (6) Air Handling Units (units ranging from 7500CFM to 70,000CFM),
  - (2) 300Ton Chillers
  - (2) Cooling Towers
  - (3) Split System A/C Air Handling Units
  - (8) Pumps
  - (4) Boilers
  - (180) VAV boxes

Project:

2010/2011 – Brown University Aquatics and Fitness Center

*Contract Amount:* \$4,500,000.00 (Bonded)  
*Project Manager:* John Cooke, (401) 863-7850  
*General Contractor:* Shawmut Design and Construction  
*HVAC Contractor:* Sarra Engineering  
*Project Duration:* 18 Months

*Description:*

- Design/Build of a new fitness and aquatics center which includes a 1 million gallon heated swimming pool.
- Job was based on 50% design documents and completed with the use of BIM Coordination.
- The installation consisted of all associated piping, ducting, insulation, controls, testing, and balancing of the following equipment:
  - (3) Condensing Boilers
  - High Temperature Hot Water system complete with piping and Heat Exchangers
  - (2) Pool Dehumidification Units capable of heating and cooling of both water and air
  - (4) Air Handling Units (units ranging from 6000CFM to 25,000CFM)
  - (1) 20,000CFM Energy Recovery Unit
  - (7) Pumps (Ranging from 50GPM to 1350GPM)



- New Solar Panel Array complete with Photovoltaic and Thermal panels (Largest collegiate Solar Panel Array in the Country)
- (38) VAV boxes

Project:

2008 - Brown University – J. Walter Wilson Building

Tenant Fit-Out – 2000 ton Chiller Plant

*Contract Amount:* \$4,000,000 (Bonded)  
*Project Manager:* Jeffery Parker, (401) 863-7850  
*General Contractor:* Shawmut Design & Construction  
*HVAC Contractor:* Sarra Engineering  
*Project Duration:* 9 months

*Description:*

- Design/Build of a 6 story, 75,000 square feet, former lab building
  - The installation included all piping, ducting, controls, balancing, testing, and insulation for the following equipment:
    - (2) 26,000 CFM custom air handling units
    - 55 VAV boxes
- 3000 Ton Chiller Plant installed on 6<sup>th</sup> Floor
  - The chiller plant was installed for distribution of chilled water for J. Walter Wilson building and surrounding buildings.
  - Chiller plant is the largest on campus.
  - The installation included all piping, rigging, controls, insulation, testing, and balancing for the following equipment:
    - (2) 1000 ton chillers
    - (7) 125 HP pumps
    - (8) cooling towers

Project:

2008 - E.F.D., Inc. Factory Consolidation Project

*Contract Amount:* \$3,100,000 (Un-bonded)  
*Project Manager:* Christopher Ducharme, (401) 943-0190  
*General Contractor:* E. Turgeon Construction  
*HVAC Contractor:* Sarra Engineering  
*Project Duration:* 11 months

*Description:*

- Install a complete HVAC system for new EFD factory consisting
- The installation included all piping, process piping, ductwork, controls, insulation, testing and balancing for the following equipment:
  - (1) 450 ton chiller
  - (2) cooling towers with free cooling heat exchanger

- (2) boilers
- (8) pumps
- (20) air handling units w/associated exhaust

Project:

2012 & 2013 – Hasbro Cooling Tower Replacement

*Owner's Representative:* Dan Bubier, (401) 431-8697  
Hasbro, Inc.  
1027 Newport Avenue  
Pawtucket, RI 02861

*HVAC/General Contractor:* Sarra Engineering

*Contract Amount:* \$300,000.00 (Un-Bonded)

*Project Duration:* 1 Month (Per Project)

*Description:*

- Replace Both Cooling Towers at Hasbro in Pawtucket, RI.
- Each tower was done in consecutive years due to full use of towers throughout year. Shut-downs had to be minimalized.
- Crane/Rigging work was performed off-hours on weekends.
- Each tower was 600 Tons Cooling Capacity.
- Each tower installation included the following:
  - New Vortex Separator with Associated Piping
  - Piping – Steel Welded
  - Insulation
  - Electrical
  - Automatic Temperature Controls
  - Structural Steel (Self-Performed)

Project:

2013 – Brown U. – Barus & Holley/Prince Lab  
Infrastructure Upgrades

*Project Manager:* Dan Ramos, (617 – 387 – 3400)  
Bond Brothers, Inc.  
145 Spring Street  
Everett, MA 02149

*General Contractor:* Bond Brothers, Inc.

*HVAC Contractor:* Sarra Engineering

*Contract Amount:* \$5,200,000 (Un-Bonded)

*Project Duration:* 12 Months

*Description:*

- Upgrade the complete HVAC infrastructure for an existing occupied building.
- Building was occupied throughout the entire project. The building was used for scientific research and was not allowed to be shut-down due to processes taking place.
- IPD (Integrated Project Delivery) Project was built with minimal design documentation. Flow diagrams and schematics were used for fabrication and installation. As-Built drawings were done after the fact to show what was done.

- The installation included all rigging, piping, sheet-metal, insulation, controls, testing and balancing for the following equipment:
  - (1) 50,000 CFM Knocked Down Air Handling Unit, Built-In-Place
  - (2) 360 Ton Centrifugal Chillers, Knocked Down Package, Assembled in Place
  - (3) Plate and Frame Heat Exchangers
  - (12) Pumps
  - (2) 360 Ton Cooling Towers
  - (2) Shell & Tube Heat Exchangers
  - (2) 90 Ton Air Cooled Chillers with Associated Condensers
  - (1) Energy Recovery Systems Complete with Pumps, Make-Up Feed Package, and Coils
  - (2) Strobic Lab Exhaust Fans

Project:

1981-2003 – ON-Semi Conductor

*HVAC Contractor:* Sarra Engineering

*Project Duration:* 21 Years

*Description:*

- Major HVAC Contractor for over 20 Years
- Installation of original HVAC plants including the following:
  - Boiler Plant
  - Chiller Plant
  - Compressed Air System
  - Vacuum System
  - DI Water System
  - Clean Room Piping
    - Rooms included Air Handling Units to meet levels of heating/cooling necessary ranging from 1 unit to 26 units per room.
    - Pipefitters and workers had to wear necessary protection and go through proper protocols before entering rooms and performing any work.
- Systems included Carbon Steel Welding, Copper Sweat and Braze, and Stainless Steel Welding
- Used for major maintenance of equipment
- Performed several small projects over the course of 20 years expanding the existing mechanical systems, including:
  - Chiller Plant expansion to increase to a 1800 Ton Chiller Plant
  - Boiler Plant Expansion to include High Pressure Steam, Medium Pressure Steam, and Hot Water
  - Cooling Tower Replacements as needed due to age of equipment.
- In 2003 the plant closed and was moved to another location outside of the United States which was the reason for stoppage of work.

Project:

2004 - TACO HVAC Upgrades

*Owner Representative:* Norman Shardlow, (401) 942-8000  
Taco Manufacturing, Facilities Manager  
1160 Cranston Street  
Cranston, RI 02907

*General/HVAC Contractor:* Sarra Engineering

*Contract Amount:* \$3,200,000.00

*Project Duration:* 8 Months

*Description:*

- Install a complete HVAC system for an existing occupied building.
- Building was occupied throughout the entire project. Manufacturing stayed fully operational through duration of project.
- Project included relocation of several process lines which included process gases and fluids necessary for manufacturing.
- The installation included all piping, insulation, testing and balancing for the following equipment:
  - (1) Plate and Frame Heat Exchanger
  - (1) 500 Ton Chiller
  - (1) 180 Ton Absorption Chiller
  - (6) Gas Fired Turbines
  - (13) Rooftop Air Handlers
  - (1) Cooling Tower
  - (3) Hot Water Boilers
  - (7)Pumps

## 5.0: Company Profile

<b>Company Name:</b>	Sarra Engineering Corporation One Harry Street Cranston, RI 02907
<b>Years in Business:</b>	Incorporated in 1953 by Frank Sarra Sr. Professional Engineer License #1194 Rhode Island Master Mechanical License #0078
<b>Present Owner:</b>	Frank A. Sarra Jr. - President / Owner - RI Master Pipe Fitter License #6256 Elizabeth Sarra - Vice-President
<b>Type of work:</b>	Primary Mechanical Contractor specializing in: <ul style="list-style-type: none"><li>• HVAC Renovations</li><li>• Process Piping</li><li>• Industrial Piping</li><li>• Institutional HVAC including Power Plants, Steam, High Temperature Hot Water Distribution</li><li>• Landfill Power Plant Construction</li><li>• Semi-Conductor Facility Work</li></ul>
<b>Staff:</b>	15 to 30 Full Time Employees – Dependant on workload Pipe fitters signatory to Local #51 Pipefitters & Plumbers
<b>Office Personnel:</b>	<ul style="list-style-type: none"><li>• Frank A. Sarra: Estimator / Project Manager / Accounts Receivable / Accounts Payable</li><li>• Elizabeth C. Sarra: Accounts Receivable / Accounts Payable</li><li>• James C. Calcione: Office Manager / Project Manager / Human Resources</li><li>• John Hesse: BIM/MEP Coordinator/Project Manager</li><li>• Justin Forte: Project Manager/ Project Estimator/ CAD Technician</li><li>• Brian Wallace: Shop Forman / Equipment Maintenance / Equipment Operator / Pipefitter / Licensed Crane Operator</li><li>• Eric Grann: General Superintendent of Projects</li><li>• Michael Warner: General Forman Projects</li><li>• Christopher Tondreau: General Forman Projects</li></ul>
<b>Facilities:</b>	Office owned and located at One Harry Street, Cranston, RI 02907 Storage Warehouse: 2400 sq. ft. Fabrication Shop 5000: sq. ft.
<b>Self-Performing Work:</b>	<ul style="list-style-type: none"><li>• Piping to include carbon steel welded</li></ul>



- Certified X-Ray Welding
- Certified Stainless Steel Welding
- All carbon steel process, copper, PVC
- Rigging
- Select demolition
- Structural steel fabrication
- Minor concrete and masonry
- Crane hoisting and handling to 115 ton
- Selected heavy trucking and hauling

**Sub-Contractor:**

- Ductwork
- Insulation
- Temperature Controls
- Balancing
- Selected Rigging

**Safety:**

- Worker's Compensation Mod: .77
- 10 Hr OSHA Safety Cards held by ALL employees
- OSHA Fines or Incentives: (0) for 25 years

## 6.0: Emergency Contact Protocol

### EMERGENCY PROCEDURE

In case of emergency, please do the following:

- 1) Call the Project Manager, James Calcione, 401-942-1050 / cell 401-477-9357 at any time.
- 2) Call the office 401-942-1050 and ask for Frank A. Sarra, President, Sarra Engineering  
Office Hours 7am – 3:30pm
- 3) Below are the primary Mechanical contacts:

Most Important Emergency numbers:

<b>HVAC:</b>	Sarra Engineering	Main: 401-942-1050
President:	Frank A. Sarra	401-942-1050
Project Coordinator:	James C. Calcione	401-477-9357
Project Foreman:	Eric Grann	401-255-6598
Project Foreman:	Christopher Tondreau	401-302-4224
Project Foreman:	Michael Warner	401-641-3365

## 7.0: Safety

All employees are given Sarra Engineering's "Safety Manual" upon working in the field. In the manual, it explains all of our protocols and steps needed in order to work in a safe manner. We take safety very seriously in all of our work. Our record is proof of this, as our current MOD rating is 0.77. All employees are required to have "OSHA 10" cards and are also required to be trained in confined space work. Much of our service work for some of our current clients includes confined space work, and as a result it is now mandatory for all employees to be trained and equipped to handle such scenarios. A copy of our safety manual can be provided upon request.

## 8.0: Equipment and Capabilities

The following is a brief list of all major equipment that Sarra Engineering currently maintains and owns to aid in a variety of projects and applications as is necessary to complete the work.

- Heavy Flatbed Truck – 35,000 lb capacity w/ Roll-Off Bed
- International Flatbed Truck – 20,000 lb capacity w/ Roll-Off Bed
- Tractor Trailer Heavy Hauling – 40' Long Trailers for Specialty Rigging
- Hydraulic Crane – 115Ton Crane with 260' Reach
- Forklifts – 3 Forklifts ranging from 4000 lb capacity to 10,000 lb capacity
- Hydraulic Lull – 10,000 lb capacity
- Service Truck – Gas Welder/Generator Capabilities for Remote Locations
- Aerial Lifts – 2 Aerial Lifts for 20' Reach
- Aerial Telalift – Lift with 45' Range with 360Degree Rotation and Extending Arm
- Gas-Powered Generators/Welders
- Electric-Powered Welders
- Generators
- Coring Machines (up to 24" diameter)
- Mig Welders
- Smoke-Eaters
- Oxy/Acetylene Torch Setups
- ProPress Guns (from ½" to 4" pipe)
- MegaPress Kit (from ½" to 2" pipe)
- Specialty Rigging Equipment to include:
  - CAT Rollers
  - Straps from 4' to 20' long
  - Chainfalls (up to 5Ton capabilities, electric and manual)
  - Chain Com-A-Longs
  - Crank-Lifts
  - Various Chains & Shackles
  - Refrigerator Hand Trucks
  - House Jacks
  - Pallet Jacks (electric and manual)
  - Strap-Jacks

## 9.0: Current Clients – Facilities PM Work

The following is a list of (3) current clients where Sarra Engineering regularly performs maintenance/preventative maintenance work for reference:

- Brown University  
295 Lloyd Avenue  
PO Box 1941  
Providence, RI 02912  
Contact: Keith Fuchs  
Phone #: (401) 863-7850
  
- Bryant University  
1150 Douglas Pike  
Smithfield, RI 02917  
Contact: Greg Gurney  
Phone #: (401) 232-6052
  
- Broadrock Renewables Energy  
40 Shun Pike  
Johnston, RI 02919  
Contact: Raymond Dupointe  
Phone #: (401) 943-8350